



Service Description: ***Acquire Uniname Web Service***

Version #	Change Description	Owner
1.0	Initial Version	Bill Jones

Purpose

The purpose of this document is to provide a general description of the Acquire Uniname Web Service.

General Description

The Acquire Uniname web service will return a unique Uniname assigned to the person specified in the calling parameters. It can be used by applications that need to ensure that they acquire and register a valid Uniname for use in the application. A valid Active Directory account and password must be included in the SOAP header.

Input Schema

The input schema consists of nine parameters:

NIH ID (10 characters)	The NIH ID of the person for whom the Uniname is being requested. If specified, will be used to determine first name, last name, middle initial, and IC. If blank, those values must be specified as input parameters.
8Char (1 character)	Set to 'Y' if an 8 character Uniname is requested, otherwise any other character
Uniname (max 20 characters)	The requested Uniname. If this parameter is blank, the Uniname service will generate a new, unique Uniname based on the person's last and first names. If a value is specified and the Uniname is available, it will be assigned, if not available, an error will be returned.
First name (max 25 characters)	The first name of the person for whom the Uniname is being requested.
Last name (max 25 characters)	The last name of the person for whom the Uniname is being requested.
Middle Initial (1 char)	The middle initial of the person for whom the Uniname is being requested.
IC (max 20 characters)	The abbreviation for the IC of the person for whom the Uniname is being requested. This field is only used when an NIH ID is not specified.

The url for the input schema can be found at:

<https://soa.nih.gov:443/Unigen/Schemas/Parms.xsd> .

Output schema

The output schema has only one character element, Uniname. The assigned Uniname is returned. If an error occurred, it contains ERROR: followed by text error message.

Additional Comments

If an NIH ID is specified, and **at least one** of first name, last name, and IC are blank, the specified NIH ID used to extract those values from the NIH Enterprise Directory

(NED) database. If an NIH ID is specified and first name, last name, and IC are **all not blank**, then the NIH ID, first name, last name, and IC are passed to Uninames.

If a Uniname is specified, it is checked for uniqueness (error returned if not) and assigned. If a Uniname is not specified, then if an NIH ID is specified, Uninames is checked for existing Uninames for that NIH ID and the most recently assigned Uniname is returned. If there are no existing Uninames for the NIH ID, one is generated using the NIH algorithm. If an NIH ID is not specified, then the Uniname and customer information from the parm list are used.

If the 8Char parameter is 'Y', any circumstance that forces the generation of a Uniname will create a Uniname with a maximum length of 8 characters. If the 8Char parameter is not 'Y', then a Uniname with a maximum length of 20 is generated.

Use Cases

1. NIHid = '0010144778', all other parameters are blank. If the NIHid is invalid, an error is returned, otherwise the information from NED is used to fill in the person information. If there are one or more Uninames already assigned to the NIHid, then the most recently assigned Uniname is chosen, otherwise a new one is generated based on the name data from NED. The chosen/assigned Uniname is returned.
2. NIHid = '0010144778', Uniname = 'testuserx', all other parameters are blank. If the NIHid is invalid, or if the Uniname 'testuserx' is already assigned an error is returned. Otherwise the information in NED is used to fill in the person information and the Uniname is assigned. The string 'testuserx' is returned.
3. In the following case, if the Uniname 'testuserx' is already assigned, an error is returned, otherwise it is assigned using the person data supplied in the parameter list:
 - NIHid = ' '
 - 8Char = ' '
 - Uniname = 'testuserx'
 - First name = 'William'
 - Last Name = 'Thompson'
 - Middle Initial = 'Z'
 - IC='NCI'
 - Returned Name = ' '

Contact Information

For additional information on this web service, contact CITISCAadmins@mail.nih.gov.